



Environmental Protection Agency

2200 Churchill Road, Springfield, Illinois 62706

new DE

217/782-6760

Refer to: Cook County - Chicago/103rd & Doty

August 26, 1980

The Metropolitan Sanitary District
of Greater Chicago
100 East Erie Street
Chicago, Illinois 60611



932748

Gentlemen:

We approve the request of James B. Murray, Principal Assistant Attorney, received July 11, 1980 supplementing the Closure Plan for City of Chicago Landfill, 103rd Street and Doty, Chicago, Illinois, prepared by Hugh H. McMillan, General Superintendent, and dated June 18, 1980 subject to the following special requirements:

1. Provision and approval of a sequence plan for filling the remainder of the site.
2. Provision of perimeter berms to prevent run-off of applied sludge.
3. Plans showing cross sectional areas and final contours and elevations.
4. This authorization is subject to review and modification by the Agency as deemed necessary to fulfill the intent and purpose of the Environmental Protection Act, and all applicable rules and regulations.

As requested, we will be happy to meet with district staff to further discuss implementation of the proposed closure plan.

Very truly yours,

Thomas E. Cavanagh, Jr., Manager
Residual Management Section
Division of Land/Noise Pollution Control

TEC:EPT:bb

cc: Hugh McMillan
Frank Dalton
Del Haschmeyer
Field Operations -

*entire
info 9/2/80*

STATE OF ILLINOIS
ENVIRONMENTAL PROTECTION AGENCY

Subject MSD/CHGO 103RD & DOTY SLUDGE DISPOSAL SITE
Data ~~AUG 13, 1980~~ PHASE I CLOSURE ACTIVITIES
Reviewed by E. THEIOS Date AUG. 13, 1980

OWNER - CITY OF CHICAGO

ENGINEERING CONSULTANT/CONTRACTOR - MSDGC

DATA SUBMITTED:

1. USGS TOPO MAP w/ SITE OVERLAY
2. LEGAL DESCRIPTION
3. AREA & LOCATION OF PORTION (37Ac) OF SITE
4. DESCRIPTION OF METHOD OF FILLING & OPERATING
 - a. 5 FT OF SLUDGE OVER EXISTING FILL & CLAY COVER
 - b. 2 FT LAYER OF CLAY OVER THE 5 FT OF SLUDGE
 - c. 1 FT OF SLUDGE OVER THE 2 FT CLAY SLUDGE COVER
 - d. METHANE GAS VENTING AS NECESSARY
 - e. PROVIDE 4 - MONITORING WELLS @ CORNERS w/
QUARTERLY REPORTING TO IEPA.
5. DEVELOPMENT OF REMAINDER OF SITE IN PRE-ARRANGED STAGES AT RATE OF 30 - 40 ACRES PER YEAR.
6. ON-SITE SLUDGE DRYING & COVERING OPERATION PROPOSED WITH MONTHLY REPORTING TO IEPA OF VOLUME, CONSISTENCY & CHARACTERISTICS (60% SOLIDS, NU-EARTH TYPE SLUDGE).
7. DISTRICT REQUESTS MEETING TO DISCUSS IMPLEMENTATION OF PLAN

ADDITIONAL DATA & DETAILS NEEDED:

1. COMPLIANCE WITH NOTIFICATION REQUIREMENTS, IF ANY.
2. PLANS SHOWING:
 - a. CROSS SECTIONAL AREAS
 - b. BERMS TO PREVENT RUN OFF
 - c. FINAL CONTOURS & ELEVATIONS
 - d. DETAILS & PLANS FOR MONITORING WELLS
3. SEQUENCES FOR FILLING REMAINDER OF SITE

RECOMMENDATIONS:

1. SCHEDULE MEETING TO DISCUSS CLOSURE PLAN
2. REQUEST ADDITIONAL DATA AT MEETING

NICHOLAS J. MELAS
PRESIDENT



ALLEN S. LAVIN
ATTORNEY



BOARD OF COMMISSIONERS

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July 11, 1980

Mr. Delbert D. Haschemeyer
Deputy Director
Environmental Protection Agency
2200 Churchill Road
Springfield, Illinois 62706


Re: Closure Plan for City of Chicago Landfill

Dear Del:

In this morning's telephone conversation, you requested that the District forward an aerial survey of the City of Chicago landfill at 103rd & Doty Street. Our Engineering Department has superimposed an area of 37 acres which represents phase 1 closure activities on the site.

The District appreciates your indication that a decision as to phase 1 will be forthcoming. The Maintenance and Operations Department is gearing up for implementation of the proposal. The District will be in a position to commence operations as soon as I.E.P.A. approval is obtained.

Very truly yours,


James B. Murray
Principal Assistant Attorney

JBM:eb

cc: Messrs. Rimkus/Neil

RECEIVED

JUL 14 1980

E.P.A. — D.L.P.C.
STATE OF ILLINOIS

Not Responsive

Not Responsive

Not Responsive

That part of Fractional Section 12, 13 and 14 North of the Indian Boundary Line in Township 37 North, Range 14 East of the Third Principal Meridian bounded and described as follows:

Commencing at the intersection of the north line of fractional Northeast $\frac{1}{4}$ of said Section 14 and the centerline of South Stony Island Avenue as dedicated by Document No. 9190193 thence south at right angle to aforesaid north line, 2295 feet to the point of beginning; thence east at right angles to the last described line 690 feet; thence south at right angles to the last described line, 900 feet; thence west at right angles to the last described line, 1800 feet; thence north at right angles to the last described line, 900 feet; thence east at right angles to the last described line, 1110 feet to the point of beginning, containing 37.19 acres more or less, all in Cook County, Illinois.